Electronic Acknowledgement Receipt					
EFS ID:	5338495				
Application Number:	10656453				
International Application Number:					
Confirmation Number:	8429				
Title of Invention:	Apparatus and method for rendering audio information to virtualize speakers in an audio system				
First Named Inventor/Applicant Name:	Yuan Wu				
Correspondence Address:	Lisa K. Jorgenson, Esq.  STMicroelectronics, Inc.  1310 Electronics Drive  -  Carrollton TX 75006  US 9724626000  -				
Filer:	William Munck/Keith Woods				
Filer Authorized By:	William Munck				
Attorney Docket Number:	03-SIN-092				
Receipt Date:	14-MAY-2009				
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Time Stamp:	18:26:07				
Application Type:	Utility under 35 USC 111(a)				

## Payment information:

Submitted with Payment	no
File Listing:	

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)			
1 Miscellaneous Incoming Letter	CertOfEFiling.pdf	42591	no	1				
		1ed6d97d31ecba9586179de812a93932a2f 78b12						
Warnings:								
Information:								
Drawings-only black and white line drawings	Drawings.pdf	495602	no	13				
		3a4623b2639d04fb492040ac3d625bb9585 64e87						
Warnings:								
Information:								
		Total Files Size (in bytes):	538193					

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.